

# Product Datasheet

## Carbonic Anhydrase IV/CA4 Antibody [DyLight 680] AF2414Y

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2414Y**

Carbonic Anhydrase IV/CA4 Antibody [DyLight 680]

| Product Information         |                                                                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                   |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                              |
| Storage                     | Store at 4C in the dark.                                                                                                                                                 |
| Clonality                   | Polyclonal                                                                                                                                                               |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                       |
| Isotype                     | IgG                                                                                                                                                                      |
| Conjugate                   | DyLight 680                                                                                                                                                              |
| Purity                      | Antigen Affinity-purified                                                                                                                                                |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                       |
| Product Description         |                                                                                                                                                                          |
| Host                        | Goat                                                                                                                                                                     |
| Gene ID                     | 762                                                                                                                                                                      |
| Gene Symbol                 | Car4                                                                                                                                                                     |
| Species                     | Mouse                                                                                                                                                                    |
| Specificity/Sensitivity     | Detects mouse Carbonic Anhydrase IV/CA4 in direct ELISAs and Western blots. In direct ELISAs, approximately 15% cross-reactivity with recombinant human CA4 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse Carbonic Anhydrase IV/CA4<br>Glu18-Ser277<br>Accession # Q64444                                                    |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                        |
| Product Application Details |                                                                                                                                                                          |
| Applications                | Western Blot, Immunohistochemistry, Immunoprecipitation                                                                                                                  |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunoprecipitation                                                                                                                  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                   |





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to AF2414Y**

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|               |                                                       |
|---------------|-------------------------------------------------------|
| NB410-28088FR | Goat IgG Isotype Control [DyLight 680]                |
| NBP1-88225PEP | Carbonic Anhydrase IV/CA4 Recombinant Protein Antigen |
| DBD00         | BDNF [HRP]                                            |
| 2186-CA-010   | Carbonic Anhydrase IV/CA4                             |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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